



## Bezpečnostní senzory RC Si M30

### Vlastnosti/možnosti

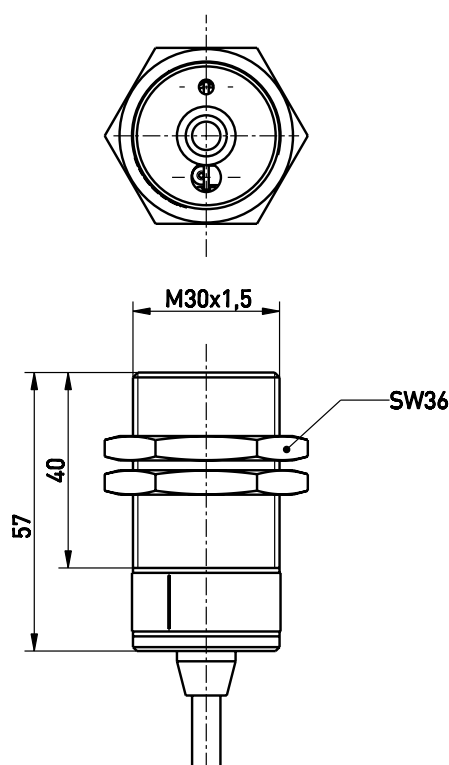
- Metal enclosure
- Long life
- Reed contacts, coded
- Actuation from front

### Note

- The actuator is not included in the delivery of the switches

- Switching distance up to 8 mm
- With pre-wired cable
- Version with LED lamp available on request
- Version with higher degree of protection IP 69K available - see chapter [/RC Si M30 IP69K Extreme >](#)

### Rozměry



### Technická data

#### Standards

EN ISO 13849-1;  
EN 60947-5-2;  
EN 60947-5-3/PDF-M\*;  
EN 954-1; EN 1088

#### Enclosure

brass, nickeled

#### Actuator

MC 30

#### Degree of protection

IP 67 to IEC/EN 60529

#### Switching system

reed contacts

#### Switching elements

1 NC/1 NO contact or 2 NC contacts

#### Connection

pre-wired cable H03VV-F

#### Cable cross-section

4 x 0.5 mm<sup>2</sup>

#### Safety-relevant data:

EN 954-1

Category 4 \*

EN ISO 13849-1

PL e \*

B<sub>10d</sub> (10 % Load)

1 million

T<sub>M</sub>

max. 20 years

MTTF<sub>d</sub>

> 100 years

U<sub>e</sub>

max. 30 VDC

I<sub>e</sub>

max. 157 mA DC, with LED: max. 20 mA DC

#### Voltage drop at I<sub>max</sub>

3.15 V, with LED: 3 V

#### Short-circuit current

max. 750 mA for 50 ms, with LED:

max. 30 mA for 50 ms

max. 5 Hz

#### Switching frequency

#### Degree of pollution

3

#### Safety class

II

#### Ambient temperature

-20 °C ... +70 °C

#### Mechanical life

> 10 million operations

#### Repeatability

< 0.5 mm

#### Switching distances:

S<sub>ao</sub>

8 mm

S<sub>ar</sub>

24 mm

#### Approvals



on request

\* is only achieved in combination with a safety module

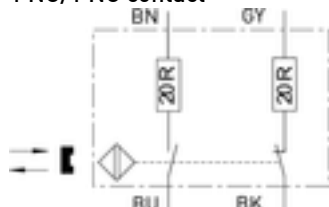
Omyly a technické změny vyhrazeny.



## Bezpečnostní senzory RC Si M30

### Ordering details

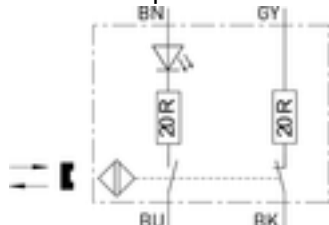
Reed contacts, coded  
1 NC/1 NO contact



Typ  
RC Si M30 1Ö/1S - 2m  
RC Si M30 1Ö/1S - 5m  
RC Si M30 1Ö/1S - 10m

Číslo materi  
álu  
1182282  
1180549  
1189541

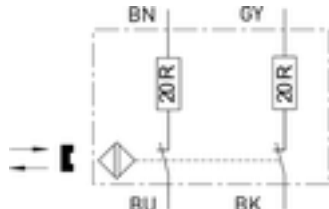
Reed contacts, coded  
1 NC/1 NO contact  
with LED lamp



Typ  
RC Si M30 1Ö/1S - LED - 2m  
RC Si M30 1Ö/1S - LED - 5m  
RC Si M30 1Ö/1S - LED - 10m

Číslo materi  
álu  
1186742  
na vyžádání  
1181430

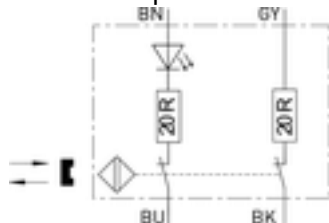
Reed contacts, coded  
2 NC contacts



Typ  
RC Si M30 2Ö - 2m  
RC Si M30 2Ö - 5m  
RC Si M30 2Ö - 10m

Číslo materi  
álu  
1181709  
1181708  
1188992

Reed contacts, coded  
2 NC contacts  
with LED lamp



Typ  
RC Si M30 2Ö - LED - 2m  
RC Si M30 2Ö - LED - 5m  
RC Si M30 2Ö - LED - 10m

Číslo materi  
álu  
na vyžádání  
na vyžádání  
1187379



## Bezpečnostní senzory RC Si M30

### Aktuátory

Actuating magnet MC 30



Typ  
Actuating magnet MC 30  
Actuating magnet MC 30 Niro

Číslo materi  
álu  
1180334  
1182385

### Accessories

SRM 21 RT2



Typ  
Safety relay module SRM 21 RT2

Číslo materi  
álu  
1179203

SRM 21 Multi



Typ  
Safety relay module SRM 21 Multi

Číslo materi  
álu  
1185607